brain, of said] <u>for detecting</u> at least one stimulus being caused by the at least one thought of the user;

(b) a computer having an operating system, coupled to said stimuli input means, for processing said at least one stimulus to produce a function control signal to control the operation of said computer [without requiring the user to manipulate the user controls and] wherein said computer does not require an articulated response from the user, said computer comprising:

(1) function selection means for receiving said at least one stimulus and wherein said function selection means comprises a memory including a correspondence between a plurality of previously-stored user stimuli and a plurality of desired function control signals;

(2) identification means, coupled to said function selection means, for comparing said at least one stimulus to said correspondence to identify a function control signal corresponding to said at least one stimulus, said function control signal being transmitted to the operating system of said computer.

Please amend Claim 2 as follows:

On line 2, replace "magnetic source imaging" with - -biomagnetic- -.

Please cancel Claim 3.

Please amend Claim 4 as follows:

On line 3, replace "such emissions" with - -biogmagnetism or electrical

potentials- -.

Please cancel Claims 5-8, 10-11,13-14,16, 19-20, 22-36, 39, 41-43, 46-50

and 52-54.

Please amend Claim 55 as follows:

55. (Fourth-time Amended) Apparatus for controlling computer operation from

one or more stimuli sensed from one or more thoughts in a user's body [and wherein the

computer includes user controls], said apparatus comprising:

(a) detecting means for detecting said one or more stimuli sensed from

[magnetic source imaging means including means for identifying the location, within the

user's brain, of said one or more stimuli caused by] said one or more thoughts to produce

one or more detected stimuli,

(b) selecting means for receiving one or more of said detected stimuli to

perform a function and selecting a correspondence to one or more user thoughts to

produce a selected function and wherein said selecting means does not require an

articulated response from the user [and does not require the user to manipulate any user

controls],

(c) identification means for identifying one or more said detected stimuli as

corresponding to said selected function for producing a function control signal,

(d) receiving means for receiving said function control signal for said

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controlling said computer operation.

Please cancel Claims 56-66.

Please insert the following new claims:

67. An apparatus for controlling a computer operation based on one or more stimuli sensed from at least one user thought pattern, said apparatus comprising:

(a) stimuli input means coupled to the user for detecting at least one stimulus being caused by the at least one thought pattern of the user;

(b) a computer having an operating system, coupled to said stimuli input means, for processing said at least one stimulus to produce a function control signal to control the operation of said computer wherein said computer does not require an articulated response from the user, said computer comprising:

(1) function selection means for receiving said at least one stimulus and wherein said function selection means comprises a memory including a correspondence between a plurality of previously-stored user stimuli and a plurality of desired function control signals;

(2) identification means, coupled to said function selection means, for comparing said at least one stimulus to said correspondence to

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identify a function control signal corresponding to

said at least one stimulus, said function control

signal being transmitted to the operating system

of said computer.

68. Apparatus for controlling computer operation from one or more stimuli

sensed from one or more thought patterns in a user's body, said apparatus comprising:

(a) detecting means for detecting said one or more stimuli sensed from said

one or more thought patterns to produce one or more detected stimuli,

(b) selecting means for receiving one or more of said detected stimuli to

perform a function and selecting a correspondence to one or more user thought patterns

to produce a selected function and wherein said selecting means does not require an

articulated response from the user,

(c) identification means for identifying one or more said detected stimuli as

corresponding to said selected function for producing a function control signal,

(d) receiving means for receiving said function control signal for said

controlling said computer operation.

69. An apparatus for controlling a computer operation based on one or more

stimuli sensed from at least one user thought category, said apparatus comprising:

(a) stimuli input means coupled to the user for detecting

at least one stimulus being caused by the at least one thought

category of the user;

(b) a computer having an operating system, coupled to

said stimuli input means, for processing said at least one

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stimulus to produce a function control signal to control the operation of said computer wherein said computer does not require an articulated response from the user, said computer comprising:

(1) function selection means for receiving said at least one stimulus and wherein said function selection means comprises a memory including a correspondence between a plurality of previously-stored user stimuli and a plurality of desired function control signals;

(2) identification means, coupled to said function selection means, for comparing said at least one stimulus to said correspondence to identify a function control signal corresponding to said at least one stimulus, said function control signal being transmitted to the operating system of said computer.

70. Apparatus for controlling computer operation from one or more stimuli sensed from one or more thought categories in a user's body, said apparatus comprising:

(a) detecting means for detecting said one or more stimuli sensed from said one or more thought categories to produce one or more detected stimuli,

(b) selecting means for receiving one or more of said detected stimuli to perform a function and selecting a correspondence to one or more user thought categories